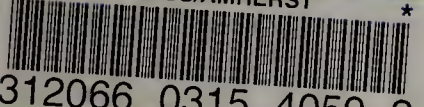


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**The Commonwealth of Massachusetts**  
**Department of Public Utilities**



GOVERNMENT DOCUMENTS  
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**Forty-sixth Annual Report**  
**for the**  
**fiscal year ending**  
**June 30, 1969**

1965  
P. 72  
P. 71  
P. 70  
P. 69

1969 Publications of Agreement by Edward G. Sullivan, State Publishing Agent

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April 8, 1970.

To the Honorable Senate and House of Representatives:

We respectfully submit the Forty-sixth Annual Report of the Department of Public Utilities for the fiscal year ending June 30, 1969.

During the fiscal year Helen P. Ross (Republican) of Melrose served as Chairman of the Commission through designation by the Governor until May 5, 1969 when she was succeeded by William I. Cowin (Republican) of Newton. Other members of the Commission holding office during the year were: David M. Brackman (Republican) of Newton, Joseph F. Cleary (Democrat) of Cambridge until June 11, 1969\*, Roy C. Papalia (Republican) of Watertown until May 5, 1969, Norman Mason (Democrat) of Taunton, Robert M. Santaniello (Republican) of Springfield and Edward G. Seferian (Democrat) of Watertown.

\*Note: Joseph F. Cleary of Cambridge, who had served as a Commissioner of the Department since 1952, died on June 11, 1969.

#### RETURNS

The number of corporations, private firms and municipal corporations, persons or associations under the jurisdiction of the Department who were required to file annual returns for the calendar year ended December 31, 1968 with the Accounting Division are listed as follows:

|                     |    |                               |    |
|---------------------|----|-------------------------------|----|
| Steam Railroads     | 24 | Manufacturing Companies Doing |    |
| Street Railways     | 7  | an electric business          | 1  |
| Telephone Companies | 6  | Water Companies               | 64 |
| Telegraph Companies | 1  | Motor Bus Lines               | 86 |
| Express Companies   | 1  | Municipal Lighting Plants     | 40 |
| Gas Companies       | 26 | Voluntary Associations        | 9  |
| Electric Companies  | 15 | Affiliates of Gas &           |    |
|                     |    | Electric Companies            | 11 |

Quarterly financial and statistical reports are required from 49 transportation companies which include railroad, street railway and motor bus companies.

The annual and quarterly returns are checked by the Division to ascertain that they have been properly prepared and that they are correct as to computations. It is also necessary to determine that the respective

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uniform system of accounts for each type of return are being followed by the respondent companies. In all cases where errors are found or discrepancies noted, amendments or corrections are obtained after conferences with officers of the reporting utilities or, where possible, by correspondence.

In addition to the above, there were within the jurisdiction of the Department 524 regular route common carriers, 7,412 irregular route common carriers, 7,943 interstate carriers, 348 contract carriers and 92 agricultural carriers actively engaged in the transportation of property for hire within the Commonwealth.

During the fiscal year the Commission and employees authorized and designated by the Commission held 378 formal hearings, and the Commission held numerous conferences with representatives of the various utilities under its jurisdiction.

A statistical outline of the work of the Department is as follows:

#### Petitions and Applications

|                       |      |                    |        |
|-----------------------|------|--------------------|--------|
| Railroads             | 42   | Steamship          | 0      |
| Street Railways       | 0    | Sale of Securities | 29     |
| Gas & Electric        | 148  | Misc.              | 1      |
| Water                 | 6    | Airlines           | 0      |
| Motor Bus             | 631  | Rates & Tariffs    | 8819   |
| Motor Truck           | 1390 |                    |        |
| Telephone & Telegraph | 16   | Total              | 11,082 |

#### Complaints

|                 |     |                       |      |
|-----------------|-----|-----------------------|------|
| Railroads       | 153 | Motor Truck           | 1181 |
| Street Railways | 47  | Telephone & Telegraph | 2562 |
| Gas             | 414 | Sale of Securities    | 0    |
| Electric        | 974 |                       |      |
| Water           | 1   | Total                 | 5432 |
| Motor Bus       | 100 |                       |      |

The Receipts of the Department of Public Utilities for the Fiscal 3.  
Year from July 1, 1968 to June 30, 1969 are as follows:

ADMINISTRATION

|                                   |              |               |
|-----------------------------------|--------------|---------------|
| Meter Inspection Fees             | \$ 80,239.50 |               |
| Filing Fees for Certain Documents | 47,469.58    |               |
| Sale of Forms                     | 153.85       |               |
| Miscellaneous                     | <u>31.12</u> | \$ 127,894.05 |

Railway and Bus Division

|                       |                  |           |
|-----------------------|------------------|-----------|
| Drivers' Examination  | 4,282.00         |           |
| Bus Inspection        | 2,158.00         |           |
| Bus Permits           | 15,698.50        |           |
| Bus Drivers' Licenses | <u>16,523.00</u> | 38,661.50 |

COMMERCIAL MOTOR VEHICLE DIVISION

|  |               |            |
|--|---------------|------------|
| Certified and Duplicate Copies                 | 376.70        |            |
| Motor Carrier Stock Acquisition                | 370.00        |            |
| Regular Route Common Certificate Application   | 10.00         |            |
| Irregular Route Common Certificate Application | 5,780.00      |            |
| Contract Permit Application                    | 470.00        |            |
| Interstate Licenses Applications               | 1,440.00      |            |
| Transfer Applications                          | 3,500.00      |            |
| Plate Fees                                     |               |            |
| Common   | 207,430.00    |            |
| Contract                                       | 7,290.00      |            |
| Interstate                                     | 119,380.00    |            |
| Agricultural                                   | 19.00         |            |
| Transfers                                      | 4,064.00      |            |
| Replacements                                   | 462.00        |            |
| Postage  | 11,368.78     |            |
| Miscellaneous                                  | <u>599.72</u> | 362,560.20 |

SECURITIES DIVISION

|                                 |                   |            |
|---------------------------------|-------------------|------------|
| Petitions, Notice of Intentions | 45,855.00         |            |
| Brokers' & Salesmen's Licenses  | <u>204,460.00</u> | 250,315.00 |

RENTALS

|                                  |           |                  |
|----------------------------------|-----------|------------------|
| Rentals of Land Cambridge Subway | 15,300.00 | <u>15,300.00</u> |
|----------------------------------|-----------|------------------|

|   |  |               |
|---|--|---------------|
| TOTAL INCOME FISCAL YEAR ENDING JUNE 30, 1969 |  | \$ 794,730.75 |
|---|--|---------------|

Capital Stock and Bonds

Thirteen applications for the approval of the issue and sale of stock, bonds or notes by gas, electric, water and telephone companies were processed and approved during the period from July 1, 1963 to June 30, 1969. The par value of the stock requested totalled \$ 14,140,000 and the total proceeds at the issue price amounted to \$ 135,440,000. Long-term debt consisting of bonds or notes amounted to \$ 135,440,000.

The following table shows the securities approved for the several companies including both the par value of the stock and the issue price thereof as required by law:

|                                    | <u>Capital Stock Approved</u> |                  |                            | <u>Bonds-Notes</u>          | <u>Date</u> |
|------------------------------------|-------------------------------|------------------|----------------------------|-----------------------------|-------------|
|                                    | Amount at<br>Par              | Issue<br>Price   | Proceeds at<br>Issue Price | Amount                      |             |
| Berkshire Gas Co.                  |                               |                  |                            | \$ 1,000,000(2)             | 4/16/69     |
| Boston Edison Co.                  |                               |                  |                            | 50,000,000(2)               | 11/7/63     |
| Brockton Edison Co.                |                               |                  |                            | 5,000,000(2)                | 5/21/69     |
| Canal Electric Co.                 | \$ 13,575,000                 | \$ 25.00         | \$ 13,575,000              | 19,000,000(2)<br>900,000(3) | 3/14/63     |
| Dedham Water Co.                   | 100,000p                      | 100.00           | 100,000                    | 325,000(1)                  | 7/19/63     |
| Grafton Water Co.                  | 15,000                        | 100.00           | 15,000                     | 25,000(1)                   | 7/19/63     |
| Granby Telephone Co.               | 50,000                        | 25.00            | 50,000                     | 100,000(1)                  | 3/12/69     |
| Massachusetts Electric Co.         |                               |                  |                            | 15,000,000(2)               | 4/12/69     |
| Massachusetts Waterworks Co.       | 50,000<br>50,000p             | 100.00<br>100.00 | 50,000<br>50,000           | 100,000(1)<br>350,000(2)    | 7/19/63     |
| New England Power Co.              |                               |                  |                            | 20,000,000(2)               | 11/6/68     |
| Salisbury Water Supply Co.         | 125,000                       | 100.00           | 125,000                    | 125,000(1)                  | 7/19/63     |
| Southbridge Water Supply Co.       | 175,000                       | 57.50            | 201,250                    | 340,000(3)                  | 3/14/63     |
| Western Massachusetts Electric Co. |                               |                  |                            | 15,000,000(2)               | 11/20/63    |

p = preferred stock  
 (1) = General Mortgage Bonds  
 (2) = First Mortgage Bonds  
 (3) = Notes or Debentures



During the year the Department also held hearings and approved the investment by Massachusetts companies of funds in the Vermont Yankee Nuclear Power Corporation in the amount of \$5,230,000 for stock purchases. A similar type of investment was also approved during the same period in the Maine Yankee Atomic Power Corporation in the amount of \$12,400,000. In addition to the stock investments approval was also granted to a request to invest a total of \$5,500,000 in short-term notes of the Vermont Yankee Nuclear Power Corporation. The tabulation below shows the date of approval and amounts of the investment of the respective companies in nuclear generating companies during the year.

Investments in Vermont Yankee Nuclear Power Corporation

September 4, 1968

|                                    |                    |
|------------------------------------|--------------------|
| New England Power Co.              | \$2,640,000        |
| Cambridge Electric Co.             | 330,000            |
| Montaup Electric Co.               | 330,000            |
| Western Massachusetts Electric Co. | 330,000            |
|                                    | <u>\$3,360,000</u> |

December 23, 1968

|                                    |                    |
|------------------------------------|--------------------|
| New England Power Co.              | \$1,360,000        |
| Cambridge Electric Co.             | 170,000            |
| Montaup Electric Co.               | 170,000            |
| Western Massachusetts Electric Co. | 170,000            |
|                                    | <u>\$1,870,000</u> |

June 18, 1969  
(Short-term notes)

|                                    |                    |
|------------------------------------|--------------------|
| New England Power Co.              | \$4,000,000        |
| Cambridge Electric Co.             | 500,000            |
| Montaup Electric Co.               | 500,000            |
| Western Massachusetts Electric Co. | 500,000            |
|                                    | <u>\$5,500,000</u> |

Investments in Maine Yankee Atomic Power Corporation

September 4, 1968

|                                    |                    |
|------------------------------------|--------------------|
| New England Power Co.              | \$3,000,000        |
| Cambridge Electric Co.             | 600,000            |
| Montaup Electric Co.               | 600,000            |
| Western Massachusetts Electric Co. | 450,000            |
|                                    | <u>\$4,650,000</u> |

March 6, 1969

|                                    |                    |
|------------------------------------|--------------------|
| New England Power Co.              | \$5,000,000        |
| Montaup Electric Co.               | 1,000,000          |
| Cambridge Electric Light Co.       | 1,000,000          |
| Western Massachusetts Electric Co. | 750,000            |
|                                    | <u>\$7,750,000</u> |

## LEGISLATION

Recommendations for legislation filed by the Department for consideration at the 1969 session of the General Court were as follows:

1. AN ACT RELATIVE TO THE PAYMENT OF INTEREST UPON DEPOSITS BY GAS, WATER, ELECTRIC LIGHT OR POWER CUSTOMERS.

The statute now provides that 4% is to be paid by utilities on deposits held. This amendment seeks to permit the rate to be fixed from time to time by the Department of Public Utilities depending upon the current market.

THIS RECOMMENDATION WAS ENACTED INTO LAW AND BECAME CHAPTER 644 OF THE ACTS OF 1969.

\*\*\*\*\*

2. AN ACT RELATIVE TO THE ISSUANCE OF DRIVER'S LICENSES UNDER THE LAW RELATING TO CARRIERS OF PASSENGERS BY MOTOR VEHICLE.

This recommendation for legislation is designed to bring about amendment of the existing law relative to the description of licenses issued by the registrar of motor vehicles insofar as such relates to the issuance of bus drivers licenses by the Department of Public Utilities under Section 9 of Chapter 159A of the General Laws. At the present time the law requires applicants for D.P.U. licenses to hold an "unlimited" license from the registrar of motor vehicles. The registry has recently established new rules and regulations setting up three new classifications of licenses to be known as "Class 1", "Class ~~2~~ 2" and "Class 3" Licenses. Inasmuch as there will no longer be an "unlimited" license issued by the registrar, it is our opinion that the law should be amended so as to conform with the new rules and regulations of the registry of motor vehicles. The recommendation would also require applicants for Drivers Licenses to comply with certain requirements of the Department of Public Utilities relative to physical examinations and related matters.

THIS RECOMMENDATION WAS ENACTED INTO LAW AND BECAME CHAPTER 669 OF THE ACTS OF 1969. A COMPANION BILL, FILED BY THE REGISTRAR OF MOTOR VEHICLES, ALSO WAS ENACTED INTO LAW AND BECAME CHAPTER 349 OF THE ACTS OF 1969.

\*\*\*\*\*

3. AN ACT AUTHORIZING THE DEPARTMENT OF PUBLIC UTILITIES TO ENTER INTO A COOPERATIVE AGREEMENT WITH THE INTERSTATE COMMERCE COMMISSION AND THE UNITED STATES DEPARTMENT OF TRANSPORTATION RELATIVE TO HIGHWAY TRANSPORTATION.

This recommendation authorizes the Department of Public Utilities to enter into agreements with other states and the Interstate Commerce Commission to facilitate the enforcement of Chapter 159B of the General Laws relating to Commercial Motor Vehicles.

THIS RECOMMENDATION FOR LEGISLATION WAS REJECTED BY THE GENERAL COURT.

\*\*\*\*\*

4. AN ACT FURTHER REGULATING THE TRANSFER OF COMMON CARRIER RIGHTS ISSUED BY THE DEPARTMENT OF PUBLIC UTILITIES.

Under the present statute, a position has been taken that in the



case of a transfer of certificates or permits the only requirement is for the transferee to establish financial fitness and ability. This proposed amendment requires the transferee to establish to the satisfaction of the Department its ability to conform to all lawful requirements, orders, rules, and regulations, established under the authority of Chapter 159B. The other change place emphasis on the sale of a "bona fide business" rather than on the "bona fide sale".

THIS RECOMMENDATION WAS ENACTED INTO LAW AND BECAME CHAPTER 598 OF THE ACTS OF 1969.

\*\*\*\*\*

5. AN ACT REQUIRING STEAMSHIP COMPANIES TO POST BONDS.

In recent years the Nantasket boat service has been operated by a new corporation formed each year in another state. Service begins about the first of June and terminates at Labor Day. Thereafter the ships travel south leaving no address and no person responsible. The proposed amendment will provide the Department with some effective means of controlling the operation of these carriers and will afford aggrieved passengers some redress which is not now available to them.

THIS RECOMMENDATION FOR LEGISLATION WAS REJECTED BY THE GENERAL COURT.

\*\*\*\*\*

6. AN ACT RELATIVE TO THE ISSUANCE OF SPECIAL SERVICE OR SCHOOL SERVICE BUS PERMITS.

This proposed legislation would amend Chapter 159A, Section 11A, of the General Laws by eliminating the provision requiring the Department to establish minimum mileage rates for special service and school service operations. The Department has ~~previously~~ previously established minimum rates and charges governing the operation of motor vehicles engaged in charter service which include, among things, the seating capacity of the vehicles used, the distance between points on a mileage basis and also the element of waiting time and dead-head mileage, so-called. None of these factors are present in special service or school service operations and there is but little similarity in the respective operations, especially in view of the fact that special service and school service operations are not competitive.

THIS LEGISLATIVE RECOMMENDATION WAS ENACTED INTO LAW AND BECAME CHAPTER 96 OF THE ACTS OF 1969.

\*\*\*\*\*

7. AN ACT ~~RELATIVE~~ CLARIFYING THE LAW RELATIVE TO THE ISSUANCE OF SPECIAL SERVICE OR SCHOOL SERVICE BUS PERMITS.

This recommendation of the Department would eliminate the necessity of having the Department notify the carriers serving the point of ~~origin~~ destination of the filing of any application to perform special service or school service. At the present time the Department is required to serve notice of such filings upon the common carriers and holders of permits in both the point of origin and point of destination. It is our opinion that the carriers at the point of destination are not adversely affected by such operations and that the



carriers which the law seeks to protect are those serving the points of origin.

THIS RECOMMENDATION WAS REJECTED BY THE GENERAL COURT.

\*\*\*\*\*

8. AN ACT FURTHER REGULATING THE ISSUANCE OF SPECIAL SERVICE OR SCHOOL SERVICE BUS PERMITS.

This proposed legislation would amend existing law by having the same requirement which now applies to charter service extended to cover special service or school service operations. At the present time the section of Section 11A of Chapter 159A of the General Laws relating to charter service applies to motor vehicles "carrying ten or more persons, including the driver". This proposal would extend this provision of law to vehicles operated in special service and school service and also bring the definition of "school buses" under the Department of Public Utilities in line with the existing definition of school buses operating under the registry of motor vehicles (Chapter 90 of the General Laws) which defines a school bus as a vehicle "having permanent seating accommodations for and carrying more than nine persons in addition to the operator".

THIS LEGISLATIVE RECOMMENDATION WAS ENACTED INTO LAW AND BECAME CHAPTER 97 OF THE ACTS OF 1969.

9. AN ACT REQUIRING REFUNDS BY MUNICIPAL ELECTRIC PLANTS WITH EARNINGS IN EXCESS OF EIGHT PER CENT PER ANNUM.

This is a departmental recommendation and would require a municipal electric plant with earnings in excess of 8% per year to be refunded to the consumers in a manner approved by the Department. The present law requires a maximum rate of return of 8% but the law is silent as to the use of income over 8% and contains no provisions to enforce the maximum limitation.

THIS RECOMMENDATION WAS REJECTED BY BOTH BRANCHES OF THE GENERAL COURT.

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10. AN ACT FURTHER DEFINING THE POWERS OF THE GAS REGULATORY BOARD.

The purpose of this amendment is to clarify the status of the gas regulatory board, created by Chapter 737 of the Acts of 1960, wherein the Legislature left silent the question of the supervising agency over said board. There has been confusion and ambiguity as to the Department's jurisdiction over said board since its creation by the acts of 1960. It appears that the legislative intent at the time of creation of this board was that said board should be under the control and supervision of this Department although this intent was not spelled out in the language of the bill. Various attempts have been made since 1960 to exclude the Department jurisdiction by legislative amendment. Each of these bills was defeated during some course of the legislative process. It is the opinion of this Department that this board should not be autonomous and should have supervision over budget matters as well as the physical structure itself.

The Department, since the inception of this board has supervised said board in every respect and it is our opinion that passage of this amendment would clarify the judicial question to the satisfaction of all concerned.

THIS PROPOSED LEGISLATION WAS REJECTED BY BOTH BRANCHES OF THE GENERAL COURT.

\*\*\*\*\*

11. AN ACT ELIMINATING THE NEED FOR FILING A MOTOR VEHICLE LIABILITY BOND WHEN A MOTOR VEHICLE LIABILITY POLICY IS IN FORCE.

This proposed legislation provides in the alternative a method for licensing motor carriers of passengers for hire under Chapter 159A of the General Laws by authorizing the carrier to present to the Department satisfactory evidence of personal injury liability insurance in such sum as the Department may reasonably require providing indemnity of protection equal, except as to amount, to motor vehicle liability policies as defined in section thirty-four A of chapter ninety. This proposed legislation obviates the necessity of the filing of a bond which is required presently by section six of chapter one hundred and fifty-nine A and D.P.U. 11168 dated March 11, 1955. In any event a motor carrier of passengers for hire to be licensed under chapter one hundred and fifty-nine A of the General Laws may by the filing of a required bond, or by the terms of this proposed legislation present evidence of satisfactory personal injury liability insurance.

THIS LEGISLATIVE RECOMMENDATION WAS SENT TO A STUDY BY THE GENERAL COURT.

\*\*\*\*\*

12. AN ACT ESTABLISHING RULES AND REGULATIONS BY THE DEPARTMENT OF PUBLIC UTILITIES.

There is no specific authorization in Chapter 164 for the Department to make regulations thereunder.

THIS LEGISLATIVE RECOMMENDATION WAS ENACTED INTO LAW AND BECAME CHAPTER 645 OF THE ACTS OF 1969.

\*\*\*\*\*

13. AN ACT AUTHORIZING REPLACEMENT OF A VEHICLE IDENTIFICATION DEVICE WHEN NECESSARY.

On December 31, 1971, metal interstate plates will no longer be permissible. Massachusetts now has legislation authorizing the issuance of decals but there is no statutory provision relating to replacements. This recommendation will cure the difficulty.

THIS RECOMMENDATION WAS REJECTED BY BOTH BRANCHES OF THE GENERAL COURT.

\*\*\*\*\*



NEW LEGISLATION ENACTED

AN ACT RELATIVE TO THE RATE OF INTEREST UPON DEPOSITS BY GAS, WATER, ELECTRIC LIGHT OR POWER CUSTOMERS.

This legislative recommendation of the Department referring to deposits made by customers to public utilities empowers the Department of Public Utilities to set the interest rate payable on said deposits from time to time pending upon the current money market. Previously the rate of interest was fixed at 4%, but this was considered unrealistic in view of the changing conditions in the present day money market. Under the new legislation the Department will be allowed to fix the rate of interest on such deposits at what it considers to be an equitable rate.

THIS LEGISLATIVE RECOMMENDATION WAS ENACTED BY BOTH BRANCHES OF THE GENERAL COURT AND BECAME CHAPTER 614 OF THE ACTS OF 1969.

\*\*\*\*\*

AN ACT RELATIVE TO POLES AND OVERHEAD WIRES AND ASSOCIATED STRUCTURES.

This legislation gives to cities and towns the necessary authority to require the placing of telephone and electric wires underground. There has been considerable agitation in recent years over the construction of overhead wires by electric and telephone companies, especially by conservationist groups and those interested in the environmental and esthetic aspect of our natural resources. This legislation would allow cities and towns to require that a certain proportion of overhead wires be placed underground over a specified number of years and to apportion the cost thereof.

THIS MEASURE WAS PASSED BY BOTH BRANCHES OF THE GENERAL COURT AND SIGNED INTO LAW AS CHAPTER 884 OF THE ACTS OF 1969.

\*\*\*\*\*

AN ACT REQUIRING TELEPHONE COMPANIES TO ASSIGN A UNIFORM EMERGENCY NUMBER TO PUBLIC SAFETY AGENCIES IN CITIES AND TOWNS CONTRACTING FOR UNIVERSAL EMERGENCY TELEPHONE SERVICE.

This legislation, commonly referred to as the "Hot Line" bill, was based on numerous measures filed at the 1969 session of the General Court and requires telephone companies doing business in the Commonwealth to assign the universal emergency telephone number "911" for use by the public in seeking assistance from fire, police and other related safety agencies through a single report center manned by the cities and towns. Under the proposal, a telephone company, upon the receipt of an order for universal emergency telephone service from an official authorized to contract for such service on behalf of a municipality, would be required to make available the universal emergency number "911" under rates and rules and regulations filed with the Department of Public Utilities.

THIS LEGISLATION WAS ENACTED BY BOTH BRANCHES OF THE GENERAL COURT AND BECAME CHAPTER 192 OF THE ACTS OF 1969.

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RESOLVE PROVIDING FOR AN INVESTIGATION AND STUDY BY THE DEPARTMENT OF PUBLIC UTILITIES RELATIVE TO REQUIRING RAILROADS TO ERECT FENCES ALONG CERTAIN RAILROAD TRACKS.

This legislative resolve was based on two bills filed in the 1969 session of the General Court and directs the Department of Public Utilities to make an investigation and study into the question of requiring railroads to erect fences along certain portions of their rights of way and also to study the question of establishing a procedure to be followed in requiring railroads to erect such fences. The resolve directs the Department to file a report of its investigation and study, together with its recommendations, not later than the last Wednesday in January 1970 for consideration at the 1970 session of the General Court.

THIS RESOLVE WAS PASSED BY BOTH BRANCHES OF THE GENERAL COURT AND BECAME CHAPTER 71 OF THE RESOLVES OF 1969.

\*\*\*\*\*

### INVESTIGATIONS

During the course of the fiscal year, eight gas companies under the jurisdiction and supervision of the Department of Public Utilities filed new schedules of rates and charges for gas showing increases amounting to \$7,521,900, affecting consumers in various sections of the Commonwealth.

On December 26, 1968, the following companies filed the new rate schedules reflecting increases as follows:

|                                      |           |
|--------------------------------------|-----------|
| Lynn Gas Company .....               | \$252,800 |
| Mystic Valley Gas Company.....       | 994,900   |
| Central Massachusetts Gas Company... | 115,500   |
| Wachusett Gas Company.....           | 53,100    |
| Northampton Gas Company.....         | 98,700    |
| North Shore Gas Company. ....        | 322,400   |
| Lawrence Gas Company.....            | 184,500   |

The new schedules of rates and charges were to become effective on February 1, 1969, but on January 7, 1969 the Department issued formal orders suspending the operation of the rates and charges until December 1, 1969 and entered upon an investigation upon its own motion as to the propriety of the proposed rates.

Under date of February 12, 1969, Boston Gas Company filed new schedules of rates and charges for gas showing increases amounting to \$3,500,000 affecting customers in numerous municipalities served by the company. These increased rates were to take effect on March 1, 1969, but on February 19, 1969 the Department issued an order suspending the operation of the rates and charges until January 1, 1970 and also entered upon its own investigation as to the propriety of the proposed rates and charges.

At the preparation of this report public hearings have been scheduled and the Department is continuing its investigation.

\*\*\*\*\*

## INVESTIGATIONS

On **July 12, 1967**, the Department, upon its own motion, entered upon an investigation to determine the causes, extent and effects of an electric power failure which occurred on July 3, 1967 in the area on Cape Cod served by the Cape and Vineyard Electric Company during which thousands of customers were left without light or power for a considerable period of time until service was restored. In conjunction therewith public hearings were held on July 20 and 21, 1967 at Hyannis, Mass. and on August 2 and September 18, 1967, at the Department's hearing-room, Boston, Mass.

The investigation and hearings were later expanded to include a 58-minute power shortage occurring on August 1, 1967 in the service area of the Cape and Vineyard Electric Company.

At the various public hearings, officials of the electric company, various State and local public officials and the general public were afforded the opportunity of appearing and expressing their views as to the causes for the power failures and recommendations for steps to be taken to avert such recurrences in the future.

The company's franchised area includes the Towns of Provincetown, Truro, Wellfleet, Eastham, Chatham, Orleans, Brewster, Dennis, Harwich, Yarmouth, Barnstable, Mashpee, Falmouth, the greater part of Bourne and Sandwich and the Island of Martha's Vineyard.

On July 3, 1967 at 5:27 P.M., an outage occurred on the 115 KV line between Bourne and Hyannis, throwing most of Cape Cod in darkness. The second 115 KV line between Bourne, Otis and Falmouth was not affected by this failure, and the line continued to provide power to this limited area. When the outage occurred the circuit breaker at Tremont substation tripped off. A circuit breaker at the Bourne switching station held, however, and power continued in the Falmouth area. This enabled a determination that the fault was located between Tremont substation and Hyannis Junction substation. The fault was discovered between structures 117



and 117A of the line, about 4 1/2 miles west of Hyannis Junction, at 7:27 P.M., 2 hours after the failure occurred; men and repair equipment arrived at the scene at 8:05 P.M.

After examination of the area of the fault, it was determined that additional maintenance work should be performed on the other two phases. This decision was made on location by the Head Line Supervisor and approximately one and one-half hours in additional time was consumed in making repairs to the other two phases. All repairs were completed at approximately 11:22 P.M., and restoration procedures were commenced with the 115 KV line being re-energized at 12:05 A.M. By 3:44 A.M. service was restored to the entire Company service area.

Under date of January 3, 1968, the Department ended its investigation into the subject matter, made a number of specific findings and ordered the company to take certain corrective measures, as follows:

ORDERED: 1. That the Cape & Vineyard Electric Company file with the Department on or before February 15, 1968 and on the first day of January of each succeeding year plans for maintenance of transmission and distribution lines for each year together with estimated costs for said maintenance.

2. That the Cape & Vineyard Electric Company promulgate a new Emergency Restoration Plan, setting forth procedures in detail to be followed by Company personnel in the event of an impending emergency or an actual power failure. Said plan shall include procedures for locating and repairing of any faults and procedures for restoration of power in its service area. Said Plan shall be filed on or before February 15, 1968.

3. That the Cape & Vineyard Electric Company shall inspect its transmission lines by electronic observation on a monthly basis to determine the existence of any potential defects or faults.

This electronic inspection shall be in addition to any other inspection already being carried out. The first inspection shall commence no later than February 15, 1968.

4. That the Cape & Vineyard Electric Company shall conduct bolometer tests on all of its bulk switching stations on a regular monthly basis, commencing February 15, 1969.

ORDERED: That the Cape & Vineyard Electric Company prepare a plan to be filed with the Department showing location of stand-by personnel to be not more than 10 minutes traveling time of any Company substation. This plan shall be filed with the Department within 30 days of the effective date of this order. If a plan of this type is not feasible, then the Department would entertain a request on this subject for further consideration.

Under date of February 5, 1969, the Department issued its final order in the proceedings by finding that the company had complied with the requirements of its order of January 3, 1968 and the investigation into the subject matter was terminated.

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The Department, under date of January 8, 1969 and following widespread power failures of December 28 and 29, 1968, due to an unusually severe winter ice storm, which affected numerous municipalities throughout the Commonwealth, entered upon an investigation upon its own motion to determine the causes, extent and effects of the power failure as it affected companies operating within the Commonwealth and also the practices of Boston Edison Company in connection with such power failure.

In connection with its investigation, the Department held public hearings on January 23 and 28, February 6 and March 6 and March 21, 1969, at which various representatives of electric companies, State and local public officials and the general public were given the opportunity of appearing and presenting their views as to the probable causes of the power failures and steps that could be taken to prevent a recurrence of the same.

The matter is still under consideration by the Commission of the Department at the preparation of this report.

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As a result of numerous complaints received from various public officials of cities and towns of the Commonwealth and from subscribers of the New England Telephone and Telegraph Company, the Department upon its own motion, on March 19, 1969, entered upon an investigation in order for the company to appear and show cause why the Department should not determine that the company's service and facilities furnished to its subscribers in the Commonwealth were inadequate for the convenience and necessity of the public.

After notice to all parties of interest, including members of the General Court and the local officials of every city and town of the Commonwealth in addition to the complainants, the Department opened public hearings on its investigation on April 17, 1969 and this was followed by other hearings on May 1, 15 and 29 and June 12, 1969, at which those who so desired were afforded the opportunity of presenting their views on the subject matter.

At the preparation of this report the matter is still under consideration by the Department.

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Schedules of additions and retirements to plant and property of the following companies as filed with the Division annually under the provisions of D.P.U. 4930 were checked by field audits and the associated property was inspected during the fiscal year. A major part of this activity was primarily in conjunction with applications for proposed financing.

Berkshire Gas Co.  
Boston Edison Co.  
Canal Electric Co.  
Central Massachusetts Gas Co.  
Granby Telephone Co.  
Lawrence Gas Co.  
Massachusetts Electric Co.  
Milford Water Co.  
Mystic Valley Gas Co.  
New England Power Co.  
North Shore Gas Co.  
Northampton Gas Co.  
Norwood Gas Co.  
Southbridge Water Supply Co.  
Wachusett Gas Co.  
West Warren Water Company

The following municipal lighting plant properties were inspected and schedules of proposed expenditures examined in connection with requests by the respective plants for approval by the Department of increased depreciation allowances for depreciation of plant and property, in accordance with section 57 of Chapter 164 of the General Laws.

Ashburnham  
Boylston  
Braintree  
Danvers  
Groveland  
Hingham  
Holden  
Hudson  
Littleton  
Mansfield  
Marblehead  
Middleborough  
North Attleboro  
Paxton  
Reading

Shrewsbury  
Wellesley  
West Boylston  
Westfield

The following is a list of the municipal lighting plants with their percentage of earnings which, from returns filed in 1969 for the calendar year ended December 31, 1968 appear to have violated the provisions of the statutes which state that no municipal lighting plant shall charge rates which result in earnings in excess of 8 per cent per annum:

|                 |        |
|-----------------|--------|
| Chicopee        | 8.50%  |
| Concord         | 8.02%  |
| Georgetown      | 9.28%  |
| Groveland       | 9.61%  |
| Holyoke         | 9.79%  |
| Hull            | 8.38%  |
| Merrimac        | 8.51%  |
| North Attleboro | 11.30% |
| Norwood         | 8.79%  |
| Rowley          | 11.39% |
| Westfield       | 8.91%  |

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## DIVISION OF RAILWAY & BUS UTILITIES

During the fiscal year the Division of Railway and Bus Utilities made 1,705 inspections of rolling stock, including passenger and freight cars, street railway cars and trackless trolleys, 617 inspections of railroad and street railway bridges, 640 inspections of railroad and street railway stations, 2,305 inspections of railroad and street railway automatic and interlocking signals, 81 inspections of Remote Control C.T.C. and interlocking stations and 276 automatic train stops. In addition, switches, derails, foot blocking, bridge guards, crossings and crossing signs were inspected and defective conditions were called to the attention of the proper officials of the companies and corrections were made.

The Division investigated 203 accidents and 95 delays in service on railroads, 63 accidents and 38 delays in service on street railways. There were 153 complaints relative to railroad operations and 47 complaints on street railways investigated and adjusted. There were 98 studies and investigations pertaining to railroads and 53 on street railways. The Division held 24 public hearings pertaining to railroads and 0 on street railways, and issued 20 orders affecting railroads.

### MOTOR BUS TRANSPORTATION

At the close of the fiscal year there were 200 persons, associations or corporations, including street railway corporations, operating within the Commonwealth of Massachusetts for the carriage of passengers for hire, as follows:

|                       |   |            |
|-----------------------|---|------------|
| Common Carrier Only   | - | 22         |
| Charter Only          | - | 56         |
| Common & Charter      | - | 77         |
| School Bus Operations | - | 45         |
| Total                 |   | <u>200</u> |

This represents a total of 99 carriers operating under certificates of public convenience and necessity as common carriers and 133 operating under charter licenses, also 45 carriers other than our regular carriers operating under school service permits issued by the Department.

During the course of the fiscal year the Department handled 420 applications for School Service and Special Service Permits; denying 11 such applications.

There were 4,223 Bus Permits issued (including duplicates) and 8,324 Bus Drivers' Licenses (including duplicates) for which fees aggregating \$31,901.50 were received.

The Division made 10,245 inspections of buses, 819 inspections of bridges over which buses are operated in regular route operations and 20 inspections over routes for new certificates of operation. There were 100 complaints relative to buses investigated and adjusted, and 50 accidents investigated pertaining to bus operations. There were 1,431 drivers examined for bus drivers licenses. The Division conducted 108 public hearings pertaining to bus operation and issued 46 orders relating to bus operation, 19 Certificates of Public Convenience and Necessity, 11 new Charter Licenses and 22 Temporary Licenses. There were 89 special studies and investigations made regarding transportation in various parts of the Commonwealth, and the Department participated in a number of Interstate Commerce



## Commission Joint Board Hearings relating to bus operations.

|   |             |
|---|-------------|
| Bus Permits Issued (including duplicates)                         | 4,223       |
| Fees Received for Permits (including duplicates)                  | \$15,308    |
| Bus Drivers' Licenses Issued (including duplicates)               | 8,324       |
| Fees Received for Bus Drivers' Licenses (including duplicates)    | \$16,593.50 |
| School and Special Service Permits Issued                         | 420         |
| Fees Received for School and Special Service Permits              | \$ 1,428    |
| Bus Inspections   | 10,245      |
| Fees Received for Bus Inspections                                 | \$ 1,925    |
| Drivers Examined for Licenses                                     | 1,431       |
| Fees Received for Bus Drivers' Examinations                       | \$ 3,873    |
| Bus Accidents Investigated  | 50          |
| Bus Delays in Service Investigated                                | 62          |
| Bus Complaints Investigated                                       | 100         |
| Investigations of Bridges on Routes Over Which Buses are Operated | 819         |
| Inspection of New Bus Routes                                      | 20          |
| Special Investigations and Studies on Buses                       | 87          |
| Investigated Bus Operating Violations                             | 324         |

RAILROADS AND STREET RAILWAYS

|   |       |
|---|-------|
| Inspections of Rolling Stock, including (R.D.C.'s)                            | 1,705 |
| Trackless Trolley Street Railway Cars   |       |
| Inspections of Railroad and Street Railway Stations                           | 640   |
| Inspections of Railway and Street Railway Bridges                             | 617   |
| Inspections of Railroad and Street Railway Automatic and Interlocking Signals | 2,305 |
| Inspections of Interlocking, C.T.C. and Remote Control Systems                | 81    |
| Inspections of Automatic Train Stops  | 276   |
| Accidents Investigated on Railroads   | 203   |
| Accidents Investigated on Street Railways                                     | 63    |
| Delays in Service Investigated on Railroads                                   | 95    |
| Delays in Service Investigated on Street Railways                             | 38    |
| Complaints Investigated on Railroads re Operation                             | 153   |
| Complaints Investigated on Street Railways re Operation                       | 47    |
| Inspected Grade Crossings   | 1,420 |
| Bells Inspected at Railroad Grade Crossings                                   | 269   |
| Gates Inspected on Railroads  | 446   |
| Lights Inspected at Grade Crossings on Railroads                              | 973   |
| Inspections of Railroad and Railway Bridges                                   | 624   |

The Division conducted its annual inspection of the main lines and branch lines of the railroads operating within the Commonwealth, which consisted of 1,645 miles of track. The inspection included the condition of the track, ties and road bed, 1,010 grade crossings, the condition and location of crossing warning signs (s. 140, c. 160; s. 142, c. 160) and of the crossing surface (s. 103, c. 160) and 624 railroad bridges.

Although no unsafe conditions were found, several instances of undesirable conditions at some locations made it imperative that immediate corrections be effected. All other noted defects were discussed on the ground with comparable, responsible railroad personnel, and definite maintenance programming established.

## PUBLIC GRADE CROSSINGS IN MASSACHUSETTS

| RAILROAD                                   | TYPE OF PROTECTION |                             |           |          |                       |                        |   | TOTAL<br>NUMBER<br>OF<br>GRADE<br>CROSSINGS |
|--|--------------------|-----------------------------|-----------|----------|-----------------------|------------------------|---|---|
|  | MANUAL             |                             | AUTOMATIC |          |                       |                        | CROSS-<br>BUCKS,<br>DISTANT<br>WARNINGS<br>AND<br>WHISTLE,<br>ONLY. |   |
|  | GATES              | CREW<br>STOPS &<br>PROTECTS | BELL      | FLASHERS | BELL<br>&<br>FLASHERS | GATES<br>&<br>FLASHERS |   |   |
| BOSTON & MAINE<br>CORPORATION              | 17                 | 137                         | 8         | 66       | 79                    | 113                    | 75  | 490   |
| CENTRAL VERMONT<br>RAILWAY, INC.           | 0                  | 1                           | 0         | 6        | 6                     | 0                      | 30  | 43  |
| FORE RIVER R.R.<br>CORPORATION             | 0                  | 6                           | 0         | 0        | 0                     | 1                      | 1   | 8   |
| GRAFTON & UPTON<br>RAILROAD CO.            | 0                  | 8                           | 0         | 2        | 0                     | 0                      | 20  | 30  |
| NEW YORK CENTRAL<br>RAILROAD CO.           | 5                  | 71                          | 4         | 3        | 12                    | 8                      | 83  | 186   |
| NEW YORK, NEW HAVEN<br>& HARTFORD RAILROAD | 18                 | 80                          | 10        | 24       | 243                   | 24                     | 74  | 473   |
| TOTALS                                     | 40                 | 303                         | 22        | 101      | 340                   | 146                    | 283   | 1230  |

\* 5 CROSSINGS HAVE DOUBLE PROTECTION.



## DIVISION OF RATES AND RESEARCH

22.

During the fiscal year (July 1, 1968 to June 30, 1969) the various utilities and/or common carriers filed with the Division, Tariffs, Schedules and Contracts, in the number and to the extent indicated below:

|  |      |
|--|------|
| Railroads (Freight and Passenger)        | 1142 |
| Gas and Electric                         | 136  |
| Bus and/or Street Railways               | 42   |
| Steamship (Freight and Passenger)        | 1    |
| Water                                    | 7    |
| Aircraft (Freight and Passenger)         | 4    |
| (Telephone)                              | 35   |
| Miscellaneous (Telegraph)                | 4    |
| (Railway Express)                        | 24   |
| Motor Truck (Examined and Accepted)      | 3631 |
| (Examined and Rejected)                  | 955  |
| Annual Motor Carrier of Property Reports | 2418 |

In addition to the filings shown above, the Division received, examined and issued formal orders on 170 Petitions seeking a waiver of the statutory filing requirements or of Department rules governing the form of tariffs.

During this same period, approximately 844 informal conferences were held on rate matters with various officials or representatives of common carriers and other utilities.

Also during this time, the Division received numerous complaints and inquiries regarding rate matters from the utility companies and shippers or customers of the utilities or carriers. Since most of these complaints and inquiries are received by telephone, and thus cannot be considered as official, no count or record is kept. If the personnel of this Division are unable to handle such complaints, because of the need of investigation, then said complaints are referred to those Divisions which have personnel to make said investigations.

With regard to the Annual Motor Carrier of Property Reports which are required under D.P.U. 13773 to be filed on or before April 30 of each year. During the month of January, 1969, the personnel of the Division prepared for mailing said Annual Report forms numbering approximately 3,000. Said forms were mailed to the carriers during the month of February. A survey, taken during

the month of June, 1969, revealed that carriers in the number of five hundred and twenty-five (525) had not filed Annual Motor Carrier of Property Reports as required under D.P.U. 13773. As a result, the Division, working in conjunction with the Commercial Motor Vehicle Division will forward to these delinquent carriers, notices of "show cause" hearings for failure to comply with the Department order. Said hearings are to be held by the Director of the Commercial Motor Vehicle Division.

During this same period, the Division continued its survey of Common Carrier Tariff filings with respect to said tariffs complying with the rules and regulations of the Department.

Said survey was curtailed to a certain extent which was necessitated because of a shortage of personnel when a member of the Division became ill in September of 1968 and was on sick leave until his retirement on April 30, 1969. As a result, it was possible to check only approximately fifty (50) carriers and have certain tariff filings corrected so that they now meet the requirements as set by the Department.

During the year, the Division collected fees for the filing of certain documents in the amount of \$27,384.58.

During the year, July 1, 1968 to June 30, 1969, the staff of the Division of Rates and Research was comprised of:

|                     | Authorized | Filled        |
|---------------------|------------|---------------|
| Senior Rate Analyst | 1          | 1             |
| Rate Analyst        | 2          | 1 (Temporary) |
| Senior Clerks       | 2          | 2             |



The Division of Investigation of Securities, located at 100 Cambridge Street, is a Division under the supervision of the Commission supervising and controlling the Department of Public Utilities.

The purpose of the Division is to enforce Chapter 110A of the General Laws, as amended, known as the Sale of Securities Act. This Chapter was enacted August 26, 1921, for the purpose of controlling the sale of securities, to register persons selling the same, and to prevent the fraudulent promotion and sale of fraudulent securities.

All brokers and salesmen engaged in the business of selling securities in this Commonwealth must be registered annually with this Division. During the fiscal year ended June 30, 1969, 989 brokers and 9,917 salesmen were registered, also 643 transfer registrations were issued for salesmen transferring from the employ of one broker to another broker.

The fee for original and renewal registration is \$100 in the case of a broker and \$10 in the case of a salesman; also, a fee of \$10 is required for recording the transfer of a registered salesman from the employ of one broker to another broker. The fee for the filing of a Notice of Intention to offer for sale is \$25 and the fee for the filing of a petition requiring the approval of the Commission is \$10. Based on these fees, the income for the Division for the fiscal year amounted to \$250,325.

Applicants for registration as brokers or salesmen, pursuant to Section 10 of the Chapter, were required to file information statements signed under oath showing their past occupations, criminal records, if any, letters of reference, etc. All applicants for registration as brokers were given an oral examination and a personal interview in order to demonstrate their qualifications for engaging in the securities business. All applicants for registration as securities salesmen were required to take a written examination to test their knowledge of the Massachusetts Sale of Securities Act. This examination is administered every Tuesday at the N.A.S.D. Testing Center, Northeastern University, Boston, Massachusetts, and, upon request, at other N.A.S.D. Testing Centers throughout the country. All applicants are investigated through the Board of Probation to determine whether or not they have any criminal record.

Brokers conducting a general security business were required to file annual statements showing their financial condition. These statements are kept in a separate file and in accordance with Section 12 of the Chapter are not open to public inspection.

Section 11E of our Sale of Securities Act reads in part as follows: "No foreign or domestic corporation shall sell, or offer for sale, any of its securities to any of its employees other than those who are officers thereof, unless such corporation has received general authority in writing from the Commission to make such sale". Pursuant to the provisions of this Section, 20 petitions were submitted to this Division, all of which met the requirements of the statute and were approved by the Commission.

Section 11 of our Sale of Securities Act reads in part as follows: "No person shall sell any security, including periodic payment plan certificates, which is to be paid for upon an instalment or partial payment plan, unless such plan has first been approved by the Commission". Pursuant to the provisions of this Section, 7 petitions were submitted to this Division, all of which met the requirements of the statute and were approved by the Commission.

As required by Section 5 of the Act, a Notice of Intention to offer for sale, together with certain other relevant information, must first be filed before a security may be offered for sale in this Commonwealth. However, certain exemptions to this filing have been provided for in Sections 3 and 4 of the Act. During the fiscal year 1,823 Notices of Intention were filed representing 1,948 different security issues.

This Division required reports to be filed annually by 888 corporations, companies, associations and trusts having their securities qualified for sale in this Commonwealth. These reports are examined by the accounting personnel of this Division and are retained on file for the use of the public and, in some instances, are the only reports available for public examination.

536 investment companies, or so-called investment trusts, having their securities qualified for sale in this Commonwealth, were required to file annual reports with this Division. These reports are also examined and analyzed by our accounting personnel and are open to the public for their inspection.

Complaints from the general public relative to the activities of registered brokers and salesmen and alleged violations of the provisions of the Sale of Securities Act have been investigated and either disposed to the satisfaction of all parties concerned, referred to the Attorney General for further action, or are in the process of being investigated by this Division.

The entrance of the Insurance Industry into the commerce of Securities and the continuing unprecedented volume of new security issues being filed with this Division has created a steadily mounting volume of work.

The Division has taken positive action to assist in integrating the Insurance Industry into the Securities business. Many conferences have been held with Insurance Industry personnel and pamphlet copies of the Sale of Securities Act have been made available for education purposes.

The following comparative schedule shows the sharp increase in this Division's work load for the past two fiscal years:

| <u>SOURCE OF INCOME</u> | <u>Fiscal<br/>Yr. Ended<br/>6-30-68</u> | <u>Fiscal<br/>Yr. Ended<br/>6-30-69</u> | <u>Increase<br/>by Num-<br/>bers</u> | <u>% of<br/>Increase</u> |
|-------------------------|---|---|--------------------------------------|--------------------------|
| Broker Registrations    | 828                                     | 989                                     | 161                                  | 19.4                     |
| Salesman Registrations  | 6,815                                   | 9,917                                   | 3,102                                | 45.5                     |
| Notices of Intention    | 906                                     | 1,823                                   | 917                                  | 101.2                    |
| Transfers of Salesmen   | 404                                     | 643                                     | 239                                  | 59.2                     |

The Division works in close cooperation with the Securities and Exchange Commission, the National Association of Security Dealers, Boston Stock Exchange and the other state regulatory agencies in investigations relating to the promotion and sale of securities and the registrations of persons selling the same.

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At the close of the fiscal year the division exercised supervision over 524 regular route common carriers, 7,412 irregular route common carriers, 7,943 interstate carriers, 348 contract carriers and 92 agricultural carriers actively engaged in the transportation of property for hire within the Commonwealth. There were also 10 holders of transportation brokers' licenses. The division issued 109,904 distinguishing plates to registered carriers and received in fees from all sources a total of \$362,544.

During the period covered by this report a total of 1,146 public hearings were conducted by the Commercial Motor Vehicle Division of which 727 represented hearings held on new applications or amendments to existing certificates and permits and 419 on requests for approval of stock acquisitions and transfers of existing operating authorities.

A total of 1,181 complaint hearings were conducted during this period and included 62 hearings on carriers delinquent in filing annual financial reports, (D.P.U. 13773), and 1,067 hearings for failure to render service as a common, contract or interstate carrier within the period of time specified by statute. Investigators of the division conducted 1,683 road and cargo checks in all sections of the Commonwealth. Employees of this division served on or presided at 6 Joint Board Hearings before the Interstate Commerce Commission.

A total of 443 irregular route common carrier certificates, 32 contract carrier permits, 399 interstate licenses were issued from July 1, 1963 to June 30, 1969. The division processed 13 formal court cases and submitted written reports on 196 formal investigations.

After individual public hearings during this same period the division revoked the irregular route common carrier certificates of 279 carriers. This action followed evidence that such carriers had either failed to render service for a period in excess of ninety (90) days or had failed to file annual financial reports as required by department order. The department also revoked 324 contract permits for failure to render service for a period of one year. In nearly all cases the carrier failed to appear at the scheduled hearing and neglected after notice to supply the department with any valid reason for non-appearance.

During this fiscal period, the personnel of the division conducted studies, instituted investigations and testified at public hearings on the subject of establishing maximum rates and charges for tow cars operating under the direction of public authorities in accordance with the provision of legislative act and D.P.U. 15967.

During this same period extensive studies were made and formal data prepared for presentation before various legislative committees on such matters as:

A. The need and advisability of entering into cooperative agreements between the Commonwealth and various federal agencies on transportation problems having a common interest to both groups.

B. Improved regulations and safe-guards relating to armored cars and the carriers engaged in such operation for hire.

C. Establishment and maintenance of codes and rules of conduct designed to satisfy the department as to the continued fitness and ability of regulated carriers subject to its jurisdiction.

D. Studies and reports are being prepared as to the advisability of substituting decals in place of intrastate metal plates, in view of known anticipated increased cost of aluminum plates versus the present steel plates. In this connection, reports are also being prepared as to the advisability, convenience and practical aspects of plates or decals on a five-year basis rather than as presently on an annual basis.

The division personnel have been working in conjunction with the Consumer Protection Division of the Attorney General's Office in an attempt to alert carriers engaged in the transportation and moving of used household goods on their obligations to the public in rendering such services.

In view of the approaching effective date of the Federal Public Law 89-170, studies are being instituted and meetings held within the New England area to provide for an orderly and effective transition from present methods to those in compliance with the newly required uniform procedure. In this respect, the division has taken the lead in arranging for meetings in its local Boston Office as being the central and most accessible point within the area of New England. A system has been designed and placed in operation allowing for a rapid and complete exchange of information on this subject and related matters between the six New England States to the benefit of all concerned.

On April 23, 1969, the division by the passage of Chapter 238 of the Acts of 1969, was successful in bringing to a conclusion the year-long opposition to illegal "purchase and sale activities" on the part of regulated carriers.

On or about the same time after conference with the legislative counsel, the Division placed the following "Condition of Issuance" on all operating authorities issued: "The carrier at all times is required to maintain standards and conduct which in the opinion of the Department are satisfactory to establish proof of its continuing, fitness, willingness and ability to perform the service authorized herein."

Reciprocal arrangements with 24 other states and the District of Columbia were continued in effect. The progressive growth in the work load of the Division is readily seen from comparative statistics over the past five (5) year period.

|                         | <u>1965</u> | <u>1966</u> | <u>1967</u> | <u>1968</u> | <u>1969</u> |
|-------------------------|-------------|-------------|-------------|-------------|-------------|
| Total Income            | \$310,135   | \$321,992   | \$336,221   | \$332,535   | \$362,544   |
| Number of plates issued | 87,097      | 97,809      | 103,053     | 105,942     | 109,904     |

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The Commonwealth of Massachusetts is served by the following five telephone companies; with over 99% by the New England Telephone and Telegraph Company:

Columbia & Rensselaer Telephone Company  
 Granby Telephone and Telegraph Company  
 Elizabeth Islands Telephone Company  
 New England Telephone and Telegraph Company  
 Richmond Telephone Company

As of June 30, 1969, there were 3,300,244 telephones in Massachusetts, representing an increase of 167,034 telephones over the previous year ending June 30, 1968 (these figures pertain only to the New England Company excluding the other four companies which combined only approximate 3,000 telephones), broken down as follows:

|                      | June 30, 1969 | June 30, 1968 | Increase |
|----------------------|---------------|---------------|----------|
| Residence Main       | 1,651,795     | 1,590,224     | 61,571   |
| Business Main        | 277,865       | 265,257       | 12,608   |
| Total Main           | 1,929,660     | 1,855,481     | 74,179   |
|                      | June 30, 1969 | June 30, 1968 | Increase |
| Residence Extensions | 663,844       | 622,535       | 41,309   |
| PBX & Business "     | 706,744       | 655,194       | 51,550   |
| Total Telephones     | 3,300,244     | 3,133,210     | 167,034  |

During this period there were 2,562 formal complaints made to the division for assistance relative to telephone and telegraph matters which required special research and investigation, with detailed written reports on all such complaints. Many informal inquiries were also made to the Director and personnel of the division. There was an increase of 797 complaint investigations over the previous year, which would be over 40% additional work load for the division.

There were seven formal hearings held before the Commission relative to the operations and regulation of telephone and telegraph companies.

29.

| Date         | Docket |   |
|--------------|--------|---|
| 10/15/68     | 15961  | Petition of Edward McGrath of Milton that service supplied to him by the New England Telephone & Telegraph Company is inadequate and that the Department should order the company to provide him with adequate and proper telephone service.  |
| 11/13/68     |        |   |
| 1/7/69       | 16041  | Western Union - propriety of rates & charges in MDPU #47 filed October 16, 1968.  |
| 1/21/69      | 15976  | Granby Telephone & Telegraph Company - authority to issue additional capital stock.   |
| 1/21/69      | 15977  | Granby Telephone & Telegraph Company - authority to borrow an additional sum of money, not exceeding \$207,000.   |
| 2/20/69      | 16046  | Herbert Sonthoff - Telephone service in Fitchburg, Littleton, and Gardner.  |
| 4/8/69       | 16110  | Tewksbury Board of Selectmen & customers of telephone company - inadequate telephone service and request for extension of "Metropolitan Service", so called to customers in said town.  |
| 5/12 & 22/69 |        |   |
| 6/19 & 26/69 |        |   |
| 4/17/69      | 16123  | Investigation by the Department on its own motion that the New England Telephone & Telegraph Company appear before the Commission and show cause why the Department should not determine that the Company's service and facilities furnished to its subscribers are inadequate for convenience & necessity of public. |

Boundary changes were made between the following telephone exchanges:

|              |   |               |         |   |             |
|--------------|---|---------------|---------|---|-------------|
| South Boston | - | Roxbury       | Maynard | - | Sudbury     |
| South Boston | - | Central exch. | Dighton | - | Fall River  |
| Hamilton     | - | Essex         | Lee     | - | Stockbridge |

The establishment of extended local service was made between the following exchanges:

|                 |   |         |          |   |                    |
|-----------------|---|---------|----------|---|--------------------|
| Framingham      | - | Wayland | Wayland  | - | Framingham         |
| South Deerfield | - | Amherst | Amherst  | - | South Deerfield    |
| Hampden         | - | Monson  | Monson   | - | Wilbraham, Hampden |
| Wilbraham       | - | Monson  | Chicopee | - | *Granby            |

\* = Granby exchange is the Granby Telephone & Telegraph Company. All other exchanges shown are a part of the New England Telephone & Telegraph Company.

|         |   |           |         |   |             |
|---------|---|-----------|---------|---|-------------|
| Clinton | - | Ayer      | Clinton | - | W. Boylston |
| Clinton | - | Boylston  | Clinton | - | Leominster  |
| Clinton | - | Worcester |         |   |             |



During this period there were several tariff changes, some of the more important changes affecting telephone service were:

The introduction of the "Touch Tone Residence Service Package" in the Dedham exchange as a regular service offering.

Interconnection tariff allowed to become effective January 29, 1969 under MDPU 16061.

Introduction of "Bay State Service" in the following exchanges:

South Boston                      Westfield

Hanover                              Easthampton

Introduction of "Circle Calling Service" in the following exchanges:

Foxboro                              Franklin                      North Brookfield

Hanover                              Easthampton

Unlimited Metropolitan Service in the following exchanges:

Walpole

A new Section 40 of the Tariff MDPU No. 10 of the New England Telephone & Telegraph Company entitled "Superseded Services". This section will primarily contain tariff items that are no longer available for new installations, and, in certain instances, no longer available for additions or maintenance.

The introduction of "Feature Service Dial Systems" - Series 100, 200 and 300 into the private branch exchange tariff offering. The inclusion of a regulation in the PBX and Centrex Service Tariffs to permit the use of customer provided terminal equipment with these services.

The introduction of rates and charges for a voice connecting arrangement for the connection of customer provided communications systems to the exchange and message toll network. (Item 3 of this filing was suspended by Commission order. It referred to the elimination of ton signals on lines assigned for emergency calls.)

The discontinuance of four-party residence service offerings in the following exchanges:

|            |               |
|------------|---------------|
| Bellingham | Pepperell     |
| Boylston   | Rehoboth      |
| Clinton    | Southbridge   |
| Harvard    | Turners Falls |

As a result of these tariff filings the New England Telephone & Telegraph Company estimates their annual revenue will be affected as follows -- increase of \$218,000, decrease of \$94,600. There would also be a theoretical savings to 307 thousand customers who take advantage of the offered optional services based on the charges that would be applicable at regular message toll rates.

A summary of the greatest number of complaints and requests for investigation of the telephone company follows:

|   |      |
|---|------|
| Delayed installations of service . . . . .              | 1459 |
| No dial tone; delayed or slow dial tone; line dead .    | 163  |
| Failure to receive incoming calls . . . . .             | 101  |
| Threatened disconnection of service . . . . .           | 96   |
| Deposit protests and request for refund . . . . .       | 87   |
| Operational methods (Billings, collection methods, etc) | 72   |
| Actual disconnections of service . . . . .              | 60   |
| Regrades and change of service . . . . .                | 57   |
| False busy signals; busy circuits . . . . .             | 49   |
| Line out of order . . . . .                             | 48   |
| Pole, cable, wire complaints . . . . .                  | 43   |
| Tariff charges . . . . .                                | 39   |
| Service in general (Poor - Inadequate) . . . . .        | 30   |
| Transmission problems (noise, etc.) . . . . .           | 28   |



The strike of labor against the New England Telephone & Telegraph Company which commenced April 26, 1968 was terminated September 2, 1968 at 12:01 a.m. The repercussion of this strike will be remembered for some time, particularly in view of the resulting absence of communication facilities, delays in dial tone, etc.; considerable after-effect remains in evidence as manifested by continuing complaints of inadequate service. The hearings conducted by the Department in Docket No. 16123 alleging inadequacy of service on the part of the New England Telephone & Telegraph Company is another ramification of the strike.

During the full year ending June 30, 1969 this Division had a total of 2,562 complaint investigations with 1,495 being conducted during the first 6 months of 1969. Comparing these figures with 1964, for the same period, there shows a total of 417 such investigations, all with detailed written reports having been submitted and a matter of record. These figures reveal an increase in work-load of 360% from 1964 to 1969.

During the first six months of this year, ending June 30, 1969 -- a period included in this Annual Report -- on an average day in Massachusetts there were 18,380,110 telephone calls dialed by its residents; during the like period in 1964 on an average day there were 13,198,832 telephone calls by residents of the Commonwealth. These figures reveal an approximate 40% increase in telephone calls made in 1969 over 1964.

Innovations, changes and advancements in telephony and communications and in the field of electronics have come with such amazing rapidity and furiosity that it may be conservatively estimated that there have been more drastic changes, improvements, new services, etc. in the past 5 to 10 years than there had been during the previous 25 years. A few of these changes include data transmission - electronic switching

offices (ESS #1 and #2) - microwave transmission systems - facsimile transmission (hearings now in progress before the Federal Communications Commission seeking determination whether these operations are those of a carrier) - Telex transmission - miscellaneous radio carriers using interconnections with land line service (thereby becoming operating telephone companies subject to regulation and control by the Department) - DDD (direct distance dialing without the assistance of an operator) - touch-tone (pushbutton telephone which uses frequency modulated ("musical") tones for switching in lieu of dial pulses) - laser (a beam which can be used for transmission purposes -- "laser" meaning "light amplification stimulated by emissions of radiation") - information retrieval systems (similar to a computer, storing information before releasing it over a telephone line when queried by a call to a given number) - confervision service (provides simultaneous visual and audible communication between conferees at telephone company facilities - commencing in New York on an experimental offering for two years beginning September 1, 1969 - carrier systems (a single pair of wires can be changed into 8 to 12 circuits and carry 8 to 12 conferences simultaneously before converting back to the single pair of wires).

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\*\*\*\*\*



Rules and Regulations relating to the Engineering Division:

D.P.U. 1073-C: requires the filing of reports to the Department where there is a fatality or substantial property' damage caused by gas or electricity.

D.P.U. 4980: requires the filing of schedules of additions, betterments and retirements to plant and general equipment accounts by the various utility companies.

D.P.U. 12769: regulates the building of ways over the pipelines of natural gas transmission companies.

D.P.U. 11725-C and D.P.U. 11725-D regulates natural gas distribution companies.

D.P.U. 9734-B: regulates natural gas transmission companies.

Chapter 370, Acts of 1963: as amended by Chapter 403 of the Acts of 1968, requires contractors and others to notify the local utility company before digging in the streets. Utility companies are requires to file monthly reports to the Division concerning breaks in their facilities in the streets.

Monthly Reports required by the Engineering Division:

Odorization reports from gas transmission and distribution companies.

Number of fire valves installed by each gas utility company or municipal gas department.

Number of gas meters tested each month by each gas company or municipal gas department.

Number of gas meters tested by the Department.

System voltage reductions as they occur.

System load shedding.

Electrical outages of 200 or more customer outage hours.

Number of breaks in gas company facilities in the streets.

Periodic reports of gas main construction as required by D.P.U. 11725-C.

Such other statistical information as required by Department order from time to time.

During the fiscal year, the Engineering Division examined the schedules of additions, betterments and retirements to plant and general equipment accounts of the following companies in accordance with D.P.U. 4980.

Berkshire Gas Company  
 Boston Edison Company  
 Brockton Edison Company  
 Buzzards Bay Gas Company

Central Massachusetts Gas Company  
 Granby Telephone Company  
 Lawrence Gas Company  
 Lowell Gas Company

Lynn Gas Company  
 Mystic Valley Gas Company  
 North Shore Gas Company  
 Northampton Gas Company

Norwood Gas Company  
 Wachusett Gas Company  
 Worcester Gas Company  
 Yankee Atomic Electric Company

Members of the Division also made physical property inspections from time to time.

The following municipal light departments were inspected and reports written relating to their petitions for increases in the rate of depreciation:

|                 |               |
|-----------------|---------------|
| Shrewsbury      | Hingham       |
| Hudson          | Groveland     |
| Wakefield       | Concord       |
| Marblehead      | Middleton     |
| Danvers         | Holden        |
| North Attleboro | Ashburnham    |
| Wellesley       | Paxton        |
| Mansfield       | West Boylston |

D.P.U. 11725-C requires Department approval of gas main installations over, under or in bridges by all Massachusetts gas companies. The following such installations were approved by the Department after examination of the installation plan for compliance with the Department's regulations.

|                              |                                |
|------------------------------|--------------------------------|
| Boston Gas Company           | 12" and 16" mains in Braintree |
| Worcester Gas Company        | 4" main in Northboro           |
| Brockton-Taunton Gas Company | 4" main in Scituate            |
| Worcester Gas Company        | 4" main in Shrewsbury          |
| Haverhill Gas Company        | 2" main in Haverhill           |
| Springfield Gas Company      | 8" main in Springfield         |
| Berkshire Gas Company        | 4" main in So. Deerfield       |



|                       |                        |
|-----------------------|------------------------|
| Worcester Gas Company | 4" main in Worcester   |
| Worcester Gas Company | 4" main in Shrewsbury  |
| Lowell Gas Company    | 4" main in Wilmington  |
| Worcester Gas Company | 4" main in Northbridge |
| Worcester Gas Company | 8" main in Needham     |
| Haverhill Gas Company | 4" main in Newbury     |

36.

|   |                        |
|---|------------------------|
| New England Electric System gas companies | 6" main in West Warren |
| Brockton Taunton Gas Company              | 8" main in Duxbury     |
| Haverhill Gas Company                     | 4" main in Topsfield   |

A copy of the approval letter is forwarded to the Department of Public Works in each case of a bridge under their jurisdiction.

### Atomic Energy

Members of the Engineering Division staff made periodic checks of plant and progress of construction of electric generating plants in Maine, Vermont and Connecticut.

It should be noted that the utility companies in Massachusetts have a financial interest in each of the foregoing atomic electric plants. Therefore this Division, in conjunction with the Accounting Division, must make the same examination of plant for financing purposes as is required by D.P.U. 4980 for all Massachusetts utilities.

### Pipeline Certifications

In accordance with the requirements of D.P.U. 11725-C the Department requires that steel gas mains to be operated at a pressure of 150 psig to 200 psig shall be air tested or hydrostatically tested for tightness. Xrays of welded joints are inspected and methods of construction examined for compliance with the Department's regulations. The following pipelines were certified during the past fiscal year.

10,530 feet of 6-5/8" and 4-1/2" steel gas main at Amherst by Berkshire Gas Company.

5,453 feet of 6" steel gas main in the town of Middleboro installed by Middleboro Gas and Electric Department.

16,243 feet of 12-3/4" main in the town of Barnstable installed by Buzzards Bay Gas Company.

1,350 feet of 8" steel gas main in South Yarmouth. Construction is by Buzzards Bay Gas Company.

Natural gas inspections (D.P.U. 11725-C and 9734-B). This includes inspections periodically where required by Department order, and conferences when necessary.

Members of the staff made periodic inspections of progress of construction and operations at Boston Gas Company's liquid natural gas facility including regular examination of x-rays of pipeline welds.

Periodic inspections of progress of construction of Lowell Gas Company's liquid natural gas facility including x-ray examination of pipeline welds and sound level measurements.

Periodic inspections of progress of construction at Buzzards Bay liquid natural gas facility and x-ray examination of pipeline welds.

Periodic inspections including x-rays of pipeline welds of progress of pipeline construction by Boston Gas Company in Milton. Such inspections were made twice daily during critical period of construction.

Examination of proposed pipeline route of Berkshire Gas Company in the town of Sunderland.

Periodic inspections of pipeline construction all over the Commonwealth by Algonquin Gas Transmission Company and Tennessee Gas Pipeline Company per D.P.U. 9734-B.

Periodic inspections of distribution pipelines all over the Commonwealth by the various gas distribution companies per D.P.U. 11725-C.

Held conferences with the gas distribution companies re: modifications to the Department's gas distribution rules and regulations including liquid natural gas.

Inspection of site and proposed plans for building of liquid natural gas plant by Fall River Gas Company at Fall River. for compliance with the Department's distribution rules in D.P.U. 11725-C.

Conducted sound level measurements at intervals at Hopkinton facility of Tennessee Gas Pipeline Company.

At Northboro, inspection of gas pipeline construction on highway bridge for Worcester Gas Company for compliance with D.P.U. 11725-C.

Examined pipeline welds on Mystic Valley Gas Company system for compliance with D.P.U. 11725-C.



Natural gas inspections continued

At Springfield, inspected gas pipeline installation with officials of Springfield Gas Light Company and held conference re: certain technical problems.

Inspected pipeline route of Algonquin Gas Transmission Company at Canton, Avon, Dartmouth, etc., per D.P.U. 9734-B.

Investigated petition of Worcester Gas Company for zoning exemption for certain gas facilities including inspection of proposed site per D.P.U. 11725-C.

Witnessed and approved gas pressure tests all over the Commonwealth of Massachusetts for Algonquin Gas Transmission Company and Tennessee Gas Pipeline Company per D.P.U. 9734-B and for the gas distribution companies per D.P.U. 11725-C.

Held conference with Tennessee Gas Pipeline Company re: investigation of right of way restoration after construction.

Held conference with Berkshire Gas Company re: their pipeline construction program and inspected construction per D.P.U. 11725-C.

Held conference with New York, New Haven & Hartford Railroad Company engineers, Department engineers and Tennessee Gas Pipeline Company personnel re: route for railroad siding to industrial buildings traversing Tennessee Gas Pipeline easements at two locations.

Examined sites of various road crossings over high pressure pipelines for compliance with Department regulations in D.P.U. 12769.

Observed construction of liquefied natural gas trailer trucks being built for Lowell Gas Company for use in connection with their liquid natural gas plant.

At Lee, Stockbridge and Richmond, and other locations, continued inspection of pressure tests in connection with re-testing of Tennessee Gas Pipeline Company high pressure system.

Inspected gas pipeline crossing by Boston Gas Company over Neponset River, for compliance with Department's regulations in D.P.U. 11725-C.

Examined proposed pipeline route of Algonquin Gas Transmission Company in Milton per D.P.U. 9734-B.

At Lee, witnessed valve assembly pressure test for Tennessee Gas Pipeline Company.

Witnessed testing of plastic pipe under various conditions preparatory to consideration for inclusion in Massachusetts code for gas distribution companies.

## Gas inspections, continued

Held meeting with Lynn Gas Company personnel re: testing for marsh gas at shopping center.

Held conference with Milton Board of Selectmen re: certain gas pipelines in the town.

## Miscellaneous Matters relating to gas

Continued study of gas meter testing program by Massachusetts gas companies.

Conducted tests of new design fire valves for use in gas meters in Massachusetts. Such valves must meet the requirements of Department order D.P.U. 14899.

Conducted sound level readings in vicinity of new liquid natural gas plant to be constructed by Buzzards Bay Gas Company.

Held conferences with manufacturers re: technical problems involved in the design of fire valves for use in gas meters.

Chapter 370 of the Acts of 1963 as amended by Chapter 403 of the Acts of 1968 requires contractors and others excavating to notify the local utility company before proceeding in order to avoid damage to utility facilities in the streets. The Department requires monthly reports from the gas distribution companies as to damage to their facilities. Monthly meetings are held with gas company personnel and representatives from contracting companies on ways and means to minimize or avoid such incidents.



Water

At Stockbridge, held conference with water company and developer re: extension of water main to serve new development.

At Westhampton, installed water pressure recording instruments on Westhampton Water Company distribution system.

At Cheshire, attended meeting with committee appointed by Cheshire Board of Selectmen to discuss various water problems in the area.

At Amherst, attended meeting with developer re: establishing water company.

Made complete appraisal of plant and properties of Resort Water Supply Company for rate base purposes.

At Housatonic, conferred with water companies re: low pressure complaints, installed water pressure recording instruments at various locations on Housatonic Water Company system.

At Stockbridge Water Company, conferred with superintendent re: hydrant rates and proposed improvements in distribution system.

At Cheshire, conferred with owner of business concern re: water supply to new development under construction.

At Housatonic, held conference with president of the Housatonic Water Company re: water supply problems.

At Cheshire, held conference with Board of Selectmen re: proposed purchase of assets of Cheshire Water Company.

At Amherst, conference with Massachusetts Department of Public Health re: problems of water supply in the Pittsfield area.

Electrical Engineering and related matters.

During the past fiscal year, members of the Engineering staff conducted the following studies, surveys, etc. and attended conferences as necessary.

Conducted sound level studies in vicinity of transformer installation of Brockton Edison Company.

Conferred with Superintendent of Brayton Point Plant in Somerset on continuing study of noise and river pollution problems. Investigated noise and fly ash complaints of town of Swansea re: same generating plant.

Conferred with Federal Air Pollution Director re: newly issued Federal criteria on pollutants.

Attended regular meetings with committee writing electrical transmission code for Massachusetts.

Meeting with representatives of Brockton Edison Company to discuss causes and remedial measures to be taken relative to electrical outage.

Made survey of all state regulatory agencies re: their requirements for underground electrical distribution systems.

Attended meetings of Air Pollution Control Association.

Attended regular monthly meeting of utility company accounting group for discussion of accounting practices and procedures.

Held conference with Boston Edison Company re: their outages and restoration procedures.

Conducted survey of legislation in other states requiring underground electric transmission and distribution lines.

Attended "Underground Residential Distribution" meeting with representatives from New England Power Company and New England Telephone and Telegraph Company in Westboro.

Investigated electrical outages throughout the year including conferences and field trips where necessary.

Made study of outages and underground circuits with recommendations for improvements in Congress Street area of Boston, served by Boston Edison Company.



## Electrical Engineering, etc. continued

Study and conference re: commercial rate applications, Massachusetts Electric Company in the town of Franklin.

Study of substation location for Fall River Electric Light Company re: their petition to the Department for exemption from the zoning ordinance of the city of Fall River.

Made sound level studies in vicinity of Canal Electric plant on Cape Cod.

Investigated operating problems and complaints of residents of town of Sandwich re: fall-out; made tests, took sound level readings, and conferred with residents and Canal Electric plant personnel.

Made periodic inspections of progress of construction of Boston Edison Company nuclear plant at Plymouth.

Made sound level measurements at Boston Edison Company's substation #311 in Dorchester.

Investigated complaint of town of Charlemont re: length of time to restore electric service and movement of standby personnel to other areas.

Took sound level readings at proposed transformer station of Brockton Edison Company in Abington.

## Electrical Outages

Effective April 1, 1968, the Engineering Division requested electric companies and municipal electric departments to report their electrical outages on a new and uniform basis. Such outages are designated "reportable outages" and are defined as outages of over 200 customer-outage hours or as outages which produce a substantial adverse effect or hardship on the public.

Attached are summary sheets for the past fiscal year.

A member of the staff investigates these outages and conferences are held with company personnel periodically to consider ways and means to improve the reliability of service.

MONTHLY ELECTRICAL OUTAGE REPORT  
COMMONWEALTH OF MASSACHUSETTS  
Department of Public Utilities - Engineering Division

Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.

|   |      |      |      |      |      |      |      |    |  |  |  |  |
|---|------|------|------|------|------|------|------|----|--|--|--|--|
| 1. Number of electric companies and municipal electric departments in Massachusetts | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60 |  |  |  |  |
| 2. Number of above reporting "reportable outages"                                   | 17   | 22   | 8    | 10   | 16   | 15   | 12   |    |  |  |  |  |
| 3. Number of "reportable outages"   | 72   | 525  | 108  | 104  | 228  | 114  | 117  |    |  |  |  |  |
| 4. Customers affected, thousands  | 83   | 437  | 135  | 117  | 153  | 128  | 199  |    |  |  |  |  |
| 5. Customer-outage hours, thousands   | 90   | 1684 | 186  | 119  | 403  | 151  | 161  |    |  |  |  |  |
| 6. Cause of outages, per cent   |      |      |      |      |      |      |      |    |  |  |  |  |
| a. cable faults   | 24%  | 5%   | 20%  | 25%  | 6%   | 20%  | 17%  |    |  |  |  |  |
| b. equipment failures   | 10   | 2%   | 11%  | 16%  | 5%   | 13%  | 14   |    |  |  |  |  |
| c. car hit pole   | 3    | 1%   | 7%   | 23%  | 5%   | 14%  | 19   |    |  |  |  |  |
| d. wind, storm, lightning, snow, tree limbs, ice, on overhead wires                 | 39   | 88%  | 35%  | 11%  | 74%  | 45%  | 26   |    |  |  |  |  |
| e. scheduled  | 4    | 2%   | 18%  | 12%  | 5%   | 12%  | 8    |    |  |  |  |  |
| f. other  | 20   | 2%   | 9    | 13%  | 5%   | 10%  | 16   |    |  |  |  |  |
|   | 100% | 100% | 100% | 100% | 100% | 100% | 100% |    |  |  |  |  |

This report summarizes outage reports as submitted by all electric companies and departments in compliance with our letter of March 18, 1968. Only outages of 200 or more customer outage-hours are required to be reported. These are designated "reportable outages."

Total number of customers served in Massachusetts as of December 31, 1968 was.

The Engineering Division of the Department of Public Utilities also maintains the above data for each individual company and department.

|   |     |     |     |     |     |     |      |
|---|-----|-----|-----|-----|-----|-----|------|
| 7. Duration of Average reportable outage, hours | 1.1 | 3.8 | 1.4 | 1.0 | 2.6 | 1.2 | 0.81 |
|---|-----|-----|-----|-----|-----|-----|------|



**MONTHLY ELECTRICAL OUTAGE REPORT**  
COMMONWEALTH OF MASSACHUSETTS  
Department of Public Utilities

|   | Jan. | Feb. | Mar. | Apr. | May  | Jun  | Jul  | Aug. | Sep. | Oct. | Nov.<br>rev'd. | Dec.<br>Year<br>(9 mos.) |
|---|------|------|------|------|------|------|------|------|------|------|----------------|--------------------------|
| 1. Number of electric companies and municipal electric departments in Mass. | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60   | 60             | 60                       |
| 2. Number of above reporting "reportable outages"                           | 13   | 15   | 14   | 23   | 12   | 11   | 9    | 20   | 20   | 20   | 20             | 20                       |
| 3. Number of "reportable outages"   | 74   | 73   | 95   | 179  | 88   | 78   | 65   | 205  | 196  | 186  | 235            | 186                      |
| 4. Customers affected, thousands  | 95   | 104  | 113  | 228  | 136  | 88   | 104  | 235  | 186  | 186  | 235            | 186                      |
| 5. Customer-outage hours, thousands   | 88   | 85   | 123  | 307  | 130  | 100  | 79   | 277  | 402  | 402  | 277            | 402                      |
| 6. Cause of outages, per cent   |      |      |      |      |      |      |      |      |      |      |                |                          |
| a. cable faults   | 26%  | 9%   | 21%  | 27%  | 23%  | 16%  | 24%  | 10%  | 10%  | 10%  | 10%            | 10%                      |
| b. equipment failure  | 15   | 18   | 8    | 12   | 3    | 10   | 12   | 9%   | 9%   | 13%  | 9%             | 13%                      |
| c. wires hit together   | 8    | 1    | 0    | 0    | 1    | 3    | 0    | 1%   | 1%   | 0    | 1%             | 0                        |
| d. tree limbs hit wires   | 9    | 14   | 24   | 7    | 13   | 29   | 12   | 21%  | 47%  | 47%  | 21%            | 47%                      |
| e. car hit pole   | 19   | 20   | 10   | 11   | 11   | 12   | 20   | 9%   | 6%   | 6%   | 9%             | 6%                       |
| f. lightning, strong winds  | 0    | 0    | 14   | 22   | 30   | 14   | 0    | 28%  | 5%   | 5%   | 28%            | 5%                       |
| g. scheduled  | 3    | 10   | 3    | 8    | 6    | 4    | 0    | 3%   | 1%   | 1%   | 3%             | 1%                       |
| h. other  | 20   | 28   | 20   | 13   | 13   | 12   | 32%  | 19%  | 18%  | 18%  | 19%            | 18%                      |
|   | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100%           | 100%                     |

This report summarizes outage reports as submitted by all electric companies and departments in compliance with our letter of March 18, 1968. Only outages of 200 or more customer outage-hours are required to be reported. These are designated "reportable outages."

Total number of customers served in Massachusetts as of December 31, 1967 was 1,935,073

The Engineering Division of the D.P.U. also maintains the above data for each individual company and department

\* Incomplete. Boston Edison reports not all in. To be revised.

## Gas Meter Inspection

During the past fiscal year, 146,714 gas meters were tested and inspected as required by statute. Those meters found to be registering correctly were sealed and badged as required.

Two Hundred Sixty-eight gas meters were tested on complaint; One hundred eighty-seven were found to be registering correctly and eighty-one incorrectly; i.e., inaccurate by more than two per cent.

## Gas Inspection

Under the provisions of section 109, Chapter 164, "the gas of every company which supplies more than fifty customers shall be inspected at least twice a year and as much oftener as the department may determine. the department may from time to time establish a new standard for purity for gas, and after a public hearing determine how many grains of sulphur and ammonia per hundred cubic feet of gas may be permitted but not more than thirty grains of sulphur per hundred cubic feet and no sulphuretted hydrogen shall be allowed."

During the period from July 1, 1968 through June 30, 1969 this Division made 205 gas inspections relative to heat content and odorant. These inspections showed no violations of the legal standards.

## Fees

During the past fiscal year this Division received \$79,047 in fees for the testing of gas meters.

## Gas Incidents

During the year, one hundred ninety-one incidents involving gas were reported to the Department. Most of these were minor incidents involving appliances. There was one fatality which was investigated by the Division. A number of other incidents were investigated where it appeared to be warranted.

## Gas complaints

During the year there were 393 complaints relating to gas billing and shut-offs; 8 complaints on supply, 6 on service, 1 extension, 1 on quality and 5 miscellaneous.

## Water complaints

There was one complaint relating to water billing.



During the year there were 446 complaints as to electric billing; 186 shut offs; 28 complaints on extension of service; 49 on quality, 36 on supply, 10 on service and 119 miscellaneous.

#### Gas Regulatory Board

A member of the Division examined and approved various piping plans for various state buildings throughout the Commonwealth for safety and for compliance with the State Gas Code.

Held conference with Board Members, Lynn Gas Inspector and city of Lynn Building Department to discuss jurisdictional conflict between agencies.

Members of the Board held regular meetings to hear petitions for exemptions from the Board's rules, transact regular business and discuss policy matters.

At Amherst held conference on carbon dioxide atmosphere equipment for agricultural use on ways to insure safe operation.

Investigated safety aspects of gas heater installation in Lynn.

Examined industrial gas fired equipment at manufacturing plant for safe operation in accordance with the Gas Code.

Held conferences with various gas inspectors throughout the state and rendered technical assistance where necessary to insure safe operation and compliance with the State Gas Code.

At Hatfield, inspection of gas fired industrial equipment in manufacturing plant for safe operation and for compliance with the Gas Code.

At North Adams held conference with gas inspector relating to technical problems at manufacturing plant.

Inspected gas piping layout at Southeastern Massachusetts Technological Institute and held conference with the gas inspector.

Made investigation of fatal gas accident at Ashburnham, including CO detection tests, report and recommendations.

Held conferences and made study of problems relating to use of flexible connectors on emergency gas generators.

Inspected gas fired equipment at Springfield Community College for compliance with the Board's regulations.

Examined various plans showing installation of radiant heaters in manufacturing plants, etc. for compliance with the Code and to insure safe operation.

Examined laboratory piping and equipment at Boston College science laboratories for safe operation and for compliance with the Code.

Examined piping plans and equipment for Canton Hospital School for compliance with the State Gas Code.

Held meeting with members of the city of Boston Gas Inspection Department, Public Facilities Department and Port Authority re: jurisdiction of Gas Regulatory Board over gas installations in state buildings.

Made several inspections of gas fired equipment at Massachusetts College of Art for compliance with the Board's rules for safe operation.

Inspected operation of gas fired equipment at Woburn industrial plant at request of gas inspector and gave technical assistance.

At Springfield, inspected gas installation in state building for compliance with State Gas Code.

Held meetings at Rockland and Danvers re: problems involving the use of gas fired appliances and of compliance with the State Gas Code.

Held meeting at Lawrence with gas company personnel and gas inspector re: certain technical problems involving interpretation of State Gas Code.

Held meeting with Lynn Gas Company, Lynn School Department and architects re: location of school building in relation to gas pipeline.

At Pittsfield, held conference re: installation of gas distribution system at University of Massachusetts campus and made periodic inspections of progress of construction.

Held conference with manufacturers and distributors of flexible connectors re: standards and compliance with safety rules of State Gas Board.



# RULES AND REGULATIONS

In accordance with the provisions of Section 32 of Chapter 30 of the General Laws, as amended, the Department submits the following lists of all Rules and Regulations made or promulgated by the Department and in force and effective on June 30, 1958:

## ----- RULES AND REGULATIONS OF THE ADMINISTRATIVE DIVISION OF THE DEPARTMENT OF PUBLIC UTILITIES

- |                |   |
|----------------|---|
| D.P.U. 7026    | Rule relative to notice of Commission hearings  |
| D.P.U. 7027-R  | Vote that railroad carriers notify the Department in writing of any contemplated abandonment of railroad station or building.   |
| D.P.U. 8027-N  | Vote that no railroad corporation shall change any schedule without giving 14 days notice to public.  |
| D.P.U. 9651    | Rule that exhibits be filed one week before hearing.  |
| D.P.U. 10527-S | Vote relative to track removals.  |
| D.P.U. 11027-T | Vote of Commission dated July 1, 1955 - that Department will not make tentative or proposed decisions in connection with proceedings within the Department where a majority of the Commissioners of the Department neither heard nor read the evidence, and will not afford opportunity to file objections and present argument in such matters unless written request is made therefor prior to the hearings. (See Paragraph (7) of Section 11 of Chapter 30A of the G.L., inserted by Chapter 681 of the Acts of 1954). |
| D.P.U. 13133   | An order relative to the rules of procedure at hearings before the full Commission of Dept. of Public Utilities.  |

It is ORDERED: That the allowance by the Department of participation of any person, firm or corporation, or political entity, in any proceeding

before the Dept., shall not be construed as an admission by Dept. that such participant is a party in interest aggrieved by and order, ruling, finding or other action of Department; and it is

FURTHER ORDERED: That the foregoing shall become effective upon filing with the Secretary of State.

RULES, REGULATIONS AND ORDERS OF DEPARTMENT OF PUBLIC  
UTILITIES APPLYING TO DIVISION OF RAILWAY AND  
BUS UTILITIES

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1. Rules, Terms and Conditions for the operation of motor vehicles for the carriage of passengers for hire under a certificate of public convenience and necessity. Effective April 1, 1932. Amended and revised March 28, 1944.
2. Rules, Terms and Conditions for the operation of sightseeing automobiles in or from the City of Boston under a certificate of public convenience and necessity. Effective July 1, 1932.
3. D.P.U. 11027-R Vote of Commission dated April 13, 1955 relative to the towing or pushing of disabled motor buses.
4. D.P.U. 11168 Order of Department relative to insurance requirements of Department applying to persons, firms or corporations engaged in the operation of motor vehicles for the carriage of passengers for hire under permits, licenses or certificates issued by the Department.
5. D.P.U. 10419 Order of the Department prescribing equipment for first aid to injured persons required to be carried by railroad.
6. D.P.U. 10689 and D.P.U. 10693 Order of Department prescribing number and type of emergency tools and appliances required to be carried on railroad trains and cars.
7. D.P.U. 9729-S Vote of Commission dated November 28, 1951 requiring motor buses to be equipped with mechanical or electrical device or devices to be used by driver when stopping or making turning movements.
8. D.P.U. 9605 Order of the Department requiring the lowering of gates for the passage of all rail movements at all crossings at grade of railroad corporations where manually operated gates have been installed and are in operation.
9. D.P.U. 7438-BR - Vote of Commission dated June 25, 1947 requiring all persons operating motor vehicles in charter service to maintain records of each trip operated and prescribing the form in which such records shall be maintained.



10. D.P.U. 7378 Order of the Department relative to the number of men required to be employed so as to form a train crew in switching and yard movements.
11. D.P.U. 4224 Rules and Regulations adopted December 24, 1931 relative to the giving of signals by rail-borne motor cars operated by railroad corporations in the Commonwealth.
12. D.P.U. 3478 Order of the Department relative to the manning of trains of railroad corporations.
13. D.P.U. 3056-A Vot of Commission dated November 23, 1927 amending Rules and Regulations for the inspection and test of locomotive boilers as adopted by the Public Service Commission on October 31, 1914.
14. D.P.U. 337 Rules adopted by the Department March 18, 1921 governing the operation of so-called one-man street railway cars over railroad crossings at grade.
15. P.S.C. 1549-I Order of Public Service Commission dated October 13, 1917 modifying regulations for the heating of street railway cars.
16. P.S.C. 1096 Order of Public Service Commission dated September 9, 1915 requiring railroad and street railway companies to give notice to the Commission relative to installation of interlocking, block or special signals; proposed changes in such signal systems, or proposed changes in rules and regulations governing the operation of such signal systems on their railroad lines in Massachusetts.
17. P.S.C. 1081 Order of Public Service Commission dated August 25, 1915 requiring railroad corporations to furnish to the Commission data listing locations and names of all crossings at grade on their lines of railroad, type of protection provided thereat and any changes in method of protection proposed to be made at any of such crossings at grade.
18. Order of Public Service Commission dated June 25, 1915. relative to the installation of foot guards for railroad tracks.
19. Order of Public Service Commission dated April 23, 1915 prescribing regulations relative to the installation and maintenance of railroad bridge guards.
20. Order of Public Service Commission dated January 25, 1915 prescribing form in which all railroad corporations and street railway companies shall file with the Commission reports of accidents on railroads and street railways.
21. Order of Department amending regulations adopted by the Board of Railroad Commissioners relative to the inspection and testing of locomotive boilers.

22. P.S.C. 576 Order of Public Service Commission dated July 17, 1914 relative to the height of steps on all passenger cars owned and operated by street railway companies in Massachusetts.
23. D.P.U. 300 Rules and Regulations adopted by Department of Public Utilities on November 8, 1920 relative to safety devices on street cars.

Rules and Regulations of the Department of Public Utilities relative to specifications for bridges carrying street railways.

RULES, REGULATIONS AND ORDERS  
APPLYING TO DIVISION OF RATES AND RESEARCH  
DEPARTMENT OF PUBLIC UTILITIES

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- D.P.U. 6710 (First Revision) Rules and Regulations for the filing of Tariffs and Schedules (Other than Motor Truck).
- D.P.U. 8680 Prescriptions of Standard Mileage Guide (Milo Mileage Guide).
- D.P.U. 9545 Minimum Charges for motor vehicles operated in  
6846 Charter Service
- D.P.U. 10599 Minimum Rates and Charges on Petroleum and Coal Tar or Petroleum Products transported in Bulk.
- D.P.U. 10599-A Amendments to D.P.U. 10599 prescribing minimum rates and charges for the transportation of Liquid bulk petroleum products or coal tar products.
- D.P.U. 7357 Order governing fuel clauses in the various rate schedules and in all contracts of electric companies.
- D.P.U. 10405 Rules governing the Form and Filing of Freight Rate Tariffs and Contracts by Motor Carriers and Brokers.
- D.P.U. 10814 Rules and Regulations for the Filing of Gas and/or Electric Schedules by Municipal Gas and Electric Departments.
- D.P.U. 11025 Establishing minimum rates and charges on the transportation of lumber and related articles by both common and contract motor carriers of property.
- D.P.U. 11093 Rules and Regulations for the filing of Schedules by Water Districts.
- D.P.U. 9896 Minimum Rates for Dump Truck Operations
- D.P.U. 8179 Minimum Rates and Charges for transportation of fruits and vegetables between specified points by motor carriers.



52.

RULES, REGULATIONS AND ORDERS  
OF THE COMMISSION APPLYING TO  
THE ENGINEERING DIVISION OF  
THE DEPARTMENT

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1. D.P.U. 1073-C dated 3/10/24. Reporting of Accidents and Outages.
2. D.P.U. 4214 dated 8/19/31. Regulations and requirements for automatic devices for the prevention of fires to be installed in gas intake pipes leading to the meter.
3. D.P.U. 7027-AV dated 10/13/44. Gas Meter Inspection Rules.
4. D.P.U. 9208 and supplement dated 12/13/50. Determination of the heat content of gas.
5. D.P.U. 9734 dated 11/30/51 and 5/6/52. Natural Gas Safety Rules for Transmission Companies.
6. D.P.U. 10027-BA dated 12/24/52. Approval of Decalcomania for marking gas meters.
7. D.P.U. 11725 dated 5/2/56. Rules and Regulations to insure safe operating practices of gas companies and municipal gas departments.
8. D.P.U. 12527-D dated 6/23/58 to establish fees for testing gas meters by the Department (Chapter 696 of Acts of 1957).
9. D.P.U. 4980 dated 12/24/35. Filing of schedules of additions, betterments and retirements to plant and general equipment accounts by the various utility companies.
10. D.P.U. 12769 dated 6/21/60. Building of ways over the pipelines of natural gas transmission companies.
11. D.P.U. 11725-C dated 5/2/56. Regulates natural gas distribution companies.
12. D.P.U. 9734-B. Regulates natural gas transmission companies, dated 1/23/63.
13. D.P.U. dated 4/28/65. Order of the Department regulating the use of fire valves in gas meters. (D.P.U. 14899)

Monthly Reports required by the Engineering Division:

Odorization reports

Number of fire valves installed by each gas utility company or municipal gas department

Number of gas meters tested each month by each gas utility company or municipal gas department

Number of breaks in gas company facilities in the streets caused by contractors or others excavating in the public ways.

RULES, REGULATIONS AND ORDERS OF THE COMMISSION APPLYING  
TO DIVISION OF INVESTIGATION OF SECURITIES,  
DEPARTMENT OF PUBLIC UTILITIES

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- D.P.U. 10305 - Order of the Commission exempting from the provisions of Sec. 4 (i) of Chapter 110A of the G. L., securities listed on the New York Curb Exchange and all securities senior thereto.
- D.P.U. 10305A - Order of the Commission amending Order D.P.U.10305, exempting from provisions of said Section 4, (i) of Chapter 110A, securities listed on American Stock Exchange and all securities senior thereto.
- D.P.U. 10317 - Order of the Commission relating to exemptions of certain securities listed on the New York and Midwest Stock Exchange, and securities senior thereto.
- D.P.U. 10603 - Order of the Commission exempting the issuance of certain stock options within the meaning of Section 130A of the Internal Revenue Code and certain securities issued pursuant to the conditions of such stock options.
- D.P.U. 11282 - Order of the Commission exempting the sale of certain securities by a corporation to its employees pursuant to the provisions of sections 11 and 11E of Chapter 110A of the General Laws, as amended, and under certain conditions and limitation.

RULES, REGULATIONS AND ORDERS OF THE DEPARTMENT OF PUBLIC  
UTILITIES APPLYING TO THE COMMERCIAL MOTOR VEHICLE  
DIVISION

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- D.P.U. 10405 (2) Order of the Department, dated May 3, 1955, establishing general regulations relative to motor carriers and brokers under authority of Chapter 159B of the General Laws, as amended.
- D.P.U. 11887 - dated 11/5/56 Amendment re Turnpike and Express toll highways as alternate routes.
- D.P.U. 11998 - dated 3/1/57 Amendment re relocated and new highways as alternate highways.
- D.P.U. 12367 - dated 5/22/58 Amendment to leasing rules, D.P.U. 10405, dated 5/3/55.



54.

RULES, REGULATIONS AND ORDERS OF THE DEPARTMENT OF PUBLIC  
UTILITIES APPLYING TO THE ACCOUNTING DIVISION

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Affiliates of Gas and Electric Companies

Uniform System of Accounts

Orders applicable (none)

Express Companies

Uniform System of Accounts- Interstate Commerce  
Commission

Uniform System of Accounts - For companies operating  
within the State - (none prescribed)

Orders Applicable:

D.P.U. 4240, July 31, 1931.

D.P.U. 4240, February 19, 1954

Gas and Electric Companies

Uniform System of Accounts

Orders applicable:

D.P.U. 4240, July 31, 1931

D.P.U. 4240, December 29, 1933

D.P.U. 4240, September 28, 1934

D.P.U. 4240, March 18, 1938

D.P.U. 4240, October 1, 1941

Provisions of the above orders included in  
revised Uniform System of Accounts

D.P.U. 4240, July 26, 1949

D.P.U. 4240, December 28, 1951

D.P.U. 1073-E, December 28, 1923

D.P.U. 4980, December 24, 1935

D.P.U. 4980, December 24, 1935

D.P.U. 4980, December 1, 1953

D.P.U. 4447, July 14, 1932

D.P.U. 4447, March 24, 1933

D.P.U. 4447, June 15, 1942

Preservation of Records of Class I Motor Carriers  
Interstate Commerce Commission

Orders applicable:

D.P.U. 4240; November 24, 1943

D.P.U. 4240, June 22, 1949

Municipal Lighting PlantsUniform System of Accounts

## Orders applicable:

D.P.U. 4240, November 21, 1921

D.P.U. 4240, December 29, 1933

(Above orders printed or incorporated in  
Uniform System of Accounts)

D.P.U. 4240, December 28, 1951

D.P.U. 1073-E, December 28, 1923

Railroad CompaniesUniform System of Accounts - Interstate Commerce Commission

## Orders Applicable:

D.P.U. 4240, July 31, 1931

(Incorporated in Uniform System of Accounts)

D.P.U. 4240, February 19, 1954

Sleeping Car CompaniesUniform System of Accounts, Interstate Commerce Commission

## Orders Applicable:

D.P.U. 4240, July 31, 1931

D.P.U. 4240, February 19, 1954

Steamship CompaniesUniform System of Accounts

Note: One company files - using I.C.C.

## Orders Applicable:

D.P.U. 4240, July 31, 1931

Street RailwaysUniform System of Accounts for Electric Railways  
Interstate Commerce CommissionUniform System of Accounts for Motor Carriers  
Interstate Commerce Commission

## Orders Applicable:

D.P.U. 4240, July 31, 1931

D.P.U. 4240, July 27, 1943

D.P.U. 4240, June 15, 1945

D.P.U. 4240, July 19, 1945

D.P.U. 4240, June 7, 1946

D.P.U. 4240, February 18, 1954

D.P.U. 4980, December 24, 1935

D.P.U. 4980, December 1, 1953



Telegraph CompaniesUniform System of Accounts - Federal Communications Commission

## Orders Applicable:

D.P.U. 4240, April 24, 1947  
 D.P.U. 4240, February 19, 1954  
 D.P.U. 4980, December 24, 1935  
 D.P.U. 4980, December 24, 1935  
 D.P.U. 4980, December 1, 1953

Telephone CompaniesUniform System of Accounts - Federal Communications Commission

## Orders Applicable:

D.P.U. 4240, April 24, 1947  
 D.P.U. 4240, February 19, 1954  
 D.P.U. 4980, December 24, 1935  
 D.P.U. 4980, December 24, 1935  
 D.P.U. 4980, December 1, 1953

Voluntary AssociationsUniform System of Accounts - None prescribed

Orders Applicable - None issued

Water CompaniesUniform System of Accounts

## Orders Applicable:

D.P.U. 4240, July 23, 1923  
 D.P.U. 4240, July 31, 1931  
 D.P.U. 4240, December 29, 1933 (attached to Uniform  
 System of Accounts as in  
 Insert)  
 D.P.U. 1073-E, December 24, 1935  
 D.P.U. 4980, December 24, 1935  
 D.P.U. 4980, December 24, 1935  
 D.P.U. 4980, December 1, 1953

D.P.U. 4240

Regulations to Govern the Destruction of Records of Gas,  
 Electric and Water Companies and of Municipal Lighting Plants.

Respectfully submitted,

William I. Cowin

Chairman

Helen P. Ross

David M. Brackman

Norman Mason

Robert M. Santaniello

Edward G. Seferian

Commissioners



